vtech®

User's manual

Accessory handset for use with VTech models DS6421/DS6472

www.vtechphones.com

Models:
DS6401/DS6401-16

Bluetooth®

DECT 6.0

Congratulations

on purchasing your new VTech product. Before using this telephone, please read **Important safety instructions** on page 10 of this manual.

This manual has instructions how to set up and register your new handset. For complete instructions on using the handset, see the user's manual that came with your telephone base.

If you cannot find your user's manual, you can view or download it at www.vtechphones.com.

For support, shopping and everything new at VTech, visit our website at www.vtechphones.com. In Canada, visit www.vtechcanada.com.

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Register online to get an additional 3-month warranty!

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Registration

Register your product online for enhanced warranty support.

Product news

Learn about the latest VTech products.

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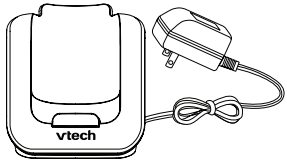
Getting started

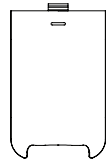
Parts checklist

Your telephone contains the following items. Save your sales receipt and original packaging in the event warranty service is necessary.

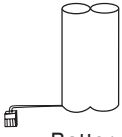
User's manual



Charger and power adapter



Battery compartment cover



Battery

Handset

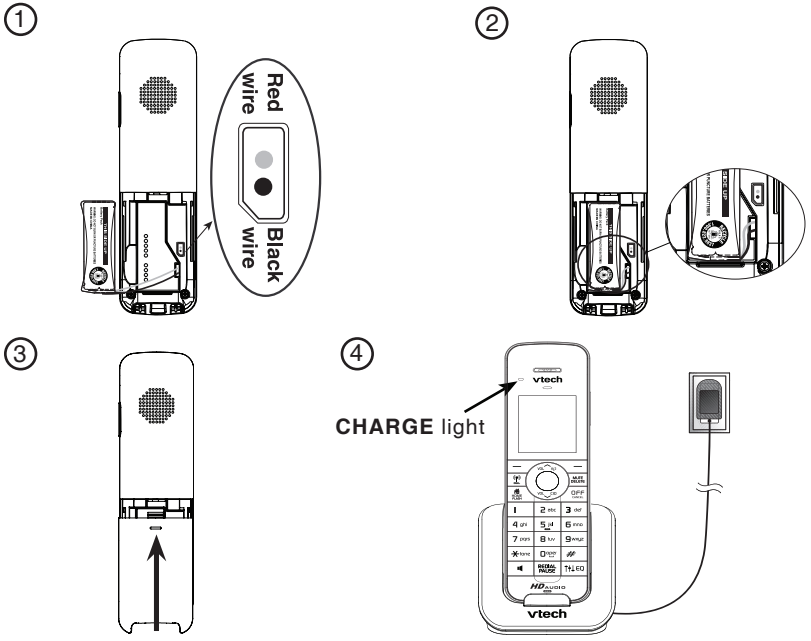
note To purchase a replacement battery or power adapter, visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or dial 1 (800) 267-7377.

Getting started

Battery installation

Install the battery as shown below.

1. Plug the battery connector securely into the socket inside the handset battery compartment, matching the color-coded label.
2. Place the battery with the label **THIS SIDE UP** facing up and the wires inside the battery compartment.
3. Align the cover flat against the battery compartment, then slide it towards the center of the handset until it clicks into place.
4. Charge the handset by placing it in the telephone base or charger. The **CHARGE** light is on when the handset is charging.



note

- If the handset will not be used for a long time, disconnect and remove the battery to prevent possible leakage.
- To purchase a replacement battery, visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or dial 1 (800) 267-7377.

Getting started

Battery charging

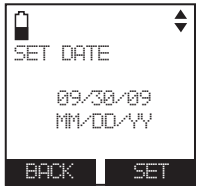
Once you have installed the battery, the screen indicates the battery status (see the table below). If necessary, place the handset in the telephone base or charger to charge the battery. For best performance, keep the handset in the telephone base or charger when not in use. The battery is fully charged after 16 hours of continuous charging. See the table on page 9 for battery operating times.

If the screen is blank, you need to charge the handset without interruption for at least 30 minutes to give the handset enough charge to use the telephone for a short time. When the battery is low, the handset shows **Low battery** along with a flashing ▯. If you are on a call in low battery mode, the handset beeps every minute.

The following table summarizes the battery charge indicators and actions to take.

Battery indicators	Battery status	Action
The screen is blank, or shows **Place in charger** and ▯ flashes.	Battery has no or very little charge. The handset cannot be used.	Charge without interruption until the screen shows **HANDSET X** (at least 30 minutes).
The screen shows **Low battery** and ▯ flashes.	Battery has enough charge to be used for a short time.	Charge without interruption until the screen shows **HANDSET X** (at least 30 minutes).
The screen shows **HANDSET X**.	Battery is charged.	To keep the battery charged, place it in the telephone base or charger when not in use.

After you install your telephone or power returns following a power outage, the handset will prompt you to set the date and time. To skip setting the date and time, press **OFF/CANCEL** or **BACK**.



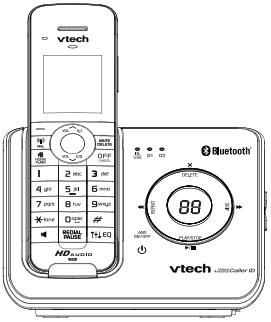
Getting started

Add and register a handset

You can add new handsets (**DS6401**, purchased separately) to your telephone system, but each handset must be registered with the telephone base before use. When first purchased, each expansion handset shows **Put handset on BASE to register** after a battery is installed. You may need to charge the handset before registering it to the telephone base. For more details on battery charging, see the table on page 3.

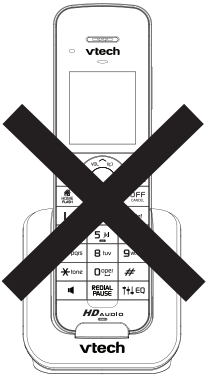
To register a handset:

1. Make sure the handset is out of the telephone base or handset charger and shows **Put handset on BASE to register**. Place the handset in the telephone base.
2. The handset displays **Registering handset...** on the handset and the red **IN USE** light on the telephone base turns on. It takes about 90 seconds to complete the registration process. The handset displays **HANDSET X Registered** (**X** represents the registered handset number). The **IN USE** light on the telephone base turns off and you hear a confirmation tone from the handset when registration completes.



If registration fails, the system will automatically try to register again. If registration fails after the third try, the handset displays **Registration failed** then **Put handset on BASE to register** and the telephone base beeps. This may take up to five minutes to occur.

To reset the handset, remove it from the telephone base. When the handset displays **Put handset on BASE to register**, try the registration process again.



note You cannot register a handset if any other system handset is in use.

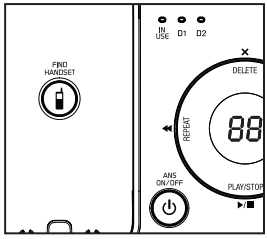
Getting started

Deregister handsets

If you want to replace a handset or reassign the designated handset number of a registered handset, you must deregister all handsets. Then register each handset you wish to use individually.

To make deregistration easier, read all of the instructions on this page before you begin.

To deregister all handsets:



1. Make sure that all handsets are out of the telephone base and handset chargers before you begin deregistration.
2. Press and hold **/FIND HANDSET** on the telephone base for about 10 seconds until the **IN USE** light flashes.
3. Quickly press **/FIND HANDSET** again. You must press **/FIND HANDSET** while the **IN USE** light is still flashing. The **IN USE** light flashes for about five seconds. If the light stops flashing, start again with Step 1 above.
4. All system handsets show **Put handset on BASE to register**, and you hear a confirmation tone when deregistration completes. The deregistration process takes about 10 seconds to complete.

If deregistration fails, you may need to reset the telephone and try again.

To reset:

- Press and hold **OFF/CANCEL** or place the handset back in the telephone base.

- OR -

- Unplug the power from the telephone base, then plug it back in.

note

- You cannot deregister handsets if any system handset is in use.
- Even if the battery is depleted, you can still deregister the handsets by following the steps above.

Getting started

Handset layout

CHARGE light

On when the handset is charging in the telephone base or charger.

Softkeys (2)

Press to select a menu item displayed above the key.

While in a menu, press to select an item, or save an entry or setting.

/CELL

Press to make or answer a cell call.

During a cell call, press to answer an incoming call when you hear a call waiting alert.

Flashes quickly when there is an incoming cell call.

Flashes slowly when a cell call is on hold.

/HOME/FLASH

Press to make or answer a home call.

During a home call, press to answer an incoming call when you hear a call waiting alert.

Flashes quickly when there is an incoming home call.

Flashes slowly when a home call is on hold.

1

While reviewing a caller ID log entry, press repeatedly to add or remove 1 in front of the telephone number before dialing or saving it in the directory.

tone

Press to switch to tone dialing temporarily during a call if you have pulse service.

Press to toggle the name order when saving the caller ID entry into the directory.

Press to make or answer a home call using the handset speakerphone.

During a call, message or announcement playback, press to switch between the speakerphone and the handset.

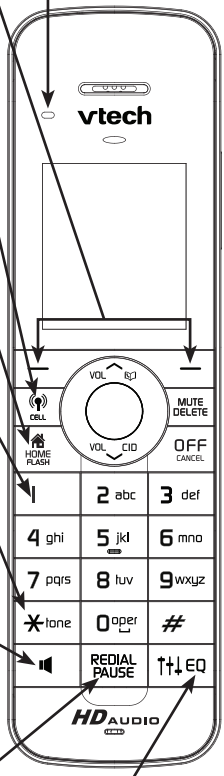
REDIAL/PAUSE

Press to review the redial list.

While dialing or entering numbers into the directory, press and hold to insert a dialing pause.

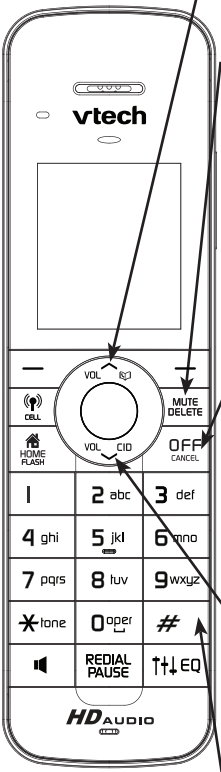
EQ

During an outside call, intercom call, message or announcement playback, press to change the quality of the audio to best suit your hearing.



Getting started

Handset layout (continued)



VOL/^/

While in a menu, press to scroll up.

During a call or message playback, press to increase the listening volume.

When the handset is not in use, press to enter the directory.

When entering numbers and names in the directory, press to move the cursor to the left.

MUTE/DELETE

While on a call, press to mute the microphone.

While reviewing the caller ID log, directory or redial list, press to delete an individual entry.

Press to delete digits when predialing.

While entering or editing a directory entry, press to erase a digit or character.

While the handset is ringing, press to silence the ringer temporarily.

During message or announcement playback, press to delete a message or announcement.

OFF/CANCEL

During a call, press to hang up.

While the handset is ringing, press to silence the ringer temporarily.

Press and hold while the telephone is not in use to erase the displayed messages (**XX Missed calls** and **Download fail**).

While in a menu, press to exit without making changes or press and hold to return to idle mode.

VOL/v/CID

While in a menu, press to scroll down.

During a call or message playback, press to decrease the listening volume.

When the handset is not in use, press to review the caller ID log.

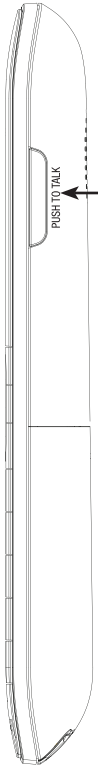
When entering numbers and names in the directory, press to move the cursor to the right.

 # (pound key)

While reviewing a caller ID log entry or a directory entry, press repeatedly to show other dialing options.

Getting started

Handset layout (continued)



PUSH TO TALK (PTT)

Press to begin a one-to-one or one-to-group broadcast.

Press and hold to begin a broadcast to a group of handsets when the handset is not in use.

Appendix

Battery

It takes up to 16 hours for the battery to be fully charged. When it is fully charged, you can expect the following performance:

Operation	Operating time
While in handset use (talking*)	Up to seven hours
While in speakerphone mode (talking*)	Up to five hours
While not in use (standby**)	Up to seven days

*Operating times vary depending on your actual use and the age of the battery.
**Handset is not charging or in use.

The battery needs charging when:

- A new battery is installed in the handset.
- The handset beeps every minute while on a call.
- The handset beeps and **Low battery** displays on the handset.
- **Place in charger** displays on the handset.
- A battery is properly installed but the screen is blank.

CAUTION:

To reduce the risk of fire or injury, read and follow these instructions:

- Use only the battery(ies) provided or equivalent. To order a replacement, visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or dial 1 (800) 267-7377.
- Do not dispose of the battery(ies) in a fire. Check with local waste management codes for special disposal instructions.
- Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
- Exercise care in handling batteries in order not to create a short circuit with conductive materials.
- Charge the battery(ies) provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.
- Observe proper polarity orientation between the battery and metallic contacts.
- To prevent fire or shock hazard, do not expose this product to water or any type of moisture.

Appendix

Important safety instructions

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a dry non-abrasive cloth for cleaning.
4. Do not use this product near water such as near a bath tub, wash bowl, kitchen sink, laundry tub or swimming pool, or in a wet basement or shower.
5. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
6. Slots and openings in the back or bottom of the telephone base and handset are provided for ventilation. To protect them from overheating, these openings must not be blocked by placing the product on a soft surface such as a bed, sofa or rug. This product should never be placed near or over a radiator or heat register. This product should not be placed in any area where proper ventilation is not provided.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home or office, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not install this product where the cord may be walked on.
9. Never push objects of any kind into this product through the slots in the telephone base or handset because they may touch dangerous voltage points or create a short circuit. Never spill liquid of any kind on the product.
10. To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Opening or removing parts of the telephone base or handset other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.
11. Do not overload wall outlets and extension cords.
12. Unplug this product from the wall outlet and refer servicing to an authorized service facility under the following conditions:
    A. When the power supply cord or plug is damaged or frayed.
    B. If liquid has been spilled onto the product.
    C. If the product has been exposed to rain or water.
    D. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operation instructions. Improper adjustment of other controls may result in damage and often requires extensive work by an authorized technician to restore the product to normal operation.
    E. If the product has been dropped and the telephone base and/or handset has been damaged.
    F. If the product exhibits a distinct change in performance.
13. Avoid using a telephone (other than cordless) during an electrical storm. There is a remote risk of electric shock from lightning.
14. Do not use the telephone to report a gas leak in the vicinity of the leak. Under certain circumstances, a spark may be created when the adapter is plugged into the power outlet, or when the handset is replaced in its cradle. This is a common event associated with the closing of any electrical circuit. The user should not plug the phone into a power outlet, and should not put a charged handset into the cradle, if the phone is located in an environment containing concentrations of flammable or flame-supporting gases, unless there is adequate ventilation. A spark in such an environment could create a fire or explosion. Such environments might include: medical use of oxygen without adequate ventilation; industrial gases (cleaning solvents; gasoline vapors; etc.); a leak of natural gas; etc.
15. Only put the handset of your telephone next to your ear when it is in normal talk mode.
16. The power adapter is intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.

SAVE THESE INSTRUCTIONS

Appendix

Precautions for users of implanted cardiac pacemakers

Cardiac pacemakers (applies only to digital cordless telephones):

Wireless Technology Research, LLC (WTR), an independent research entity, led a multidisciplinary evaluation of the interference between portable wireless telephones and implanted cardiac pacemakers. Supported by the U.S. Food and Drug Administration, WTR recommends to physicians that:

Pacemaker patients:

- Should keep wireless telephones at least six inches from the pacemaker.
- Should NOT place wireless telephones directly over the pacemaker, such as in a breast pocket, when it is turned ON.
- Should use the wireless telephone at the ear opposite the pacemaker.

WTR's evaluation did not identify any risk to bystanders with pacemakers from other persons using wireless telephones.

Operating range

This cordless telephone operates with the maximum power allowed by the Federal Communications Commission (FCC). Even so, this handset and telephone base can communicate over only a certain distance - which can vary with the locations of the telephone base and handset, the weather, and the layout of your home or office.

When the handset is out of range, the handset displays **Out of range OR No power at base**.

If there is a call while the handset is out of range, it might not ring, or if it does ring, the call might not connect well when you press **/HOME/FLASH**. Move closer to the telephone base, then press **/HOME/FLASH** to answer the call.

If the handset moves out of range during a telephone conversation, there might be interference.

To improve reception, move closer to the telephone base.

Maintenance

Taking care of your telephone
Your cordless telephone contains sophisticated electronic parts, so it must be treated with care.

Avoid rough treatment
Place the handset down gently. Save the original packing materials to protect your telephone if you ever need to ship it.

Avoid water
Your telephone can be damaged if it gets wet. Do not use the handset outdoors in the rain, or handle it with wet hands. Do not install the telephone base near a sink, bathtub or shower.

Electrical storms
Electrical storms can sometimes cause power surges harmful to electronic equipment. For your own safety, take caution when using electrical appliances during storms.

Cleaning your telephone
Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or mild soap. Do not use excess water or cleaning solvents of any kind.

Remember that electrical appliances can cause serious injury if used when you are wet or standing in water. If the telephone base should fall into water, DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND TELEPHONE LINE CORD FROM THE WALL. Then remove the telephone by the unplugged cords.

Appendix

Energy-saving charging mode

When first purchased and properly installed for charging (see **Battery installation** on page 2), put the handset in the handset charger to charge. The energy-saving charging mode is activated while charging.

When this mode is activated, all telephone functions, except handset battery charging, will be disabled.

If you have registered the handset to the **DS6421**/**DS6472** base, follow the instructions below to activate and deactivate the energy-saving charging mode.

To activate the energy-saving charging mode:

1. Unplug the telephone base power adapter from the power outlet. Make sure all handsets are plugged with charged batteries before proceeding.
2. While you press and hold **/FIND HANDSET**, plug the telephone base power adapter back to the power outlet.
3. After about 20 seconds, when the **IN USE** light starts flashing, release **/FIND HANDSET** and then press it again within 2 seconds.

When the phone successfully enters the energy-saving charging mode, the **IN USE** light turns off and all handsets display **Put handset on BASE to register**.

When the phone fails to enter this mode, repeat Step 1 through Step 3 above.

Note: The telephone base will be powered up as normal if you fail to press **/FIND HANDSET** within 2 seconds in Step 3.

To deactivate the energy-saving charging mode:

1. Unplug the telephone base power adapter from the power outlet, then plug it back in. Then the telephone base is powered up as normal.
2. Register your handsets back to the telephone base. See page 4 for handset registration instructions.

Appendix

About cordless telephones

- Privacy: The same features that make a cordless telephone convenient create some limitations. Telephone calls are transmitted between the telephone base and the cordless handset by radio waves, so there is a possibility that the cordless telephone conversations could be intercepted by radio receiving equipment within range of the cordless handset. For this reason, you should not think of cordless telephone conversations as being as private as those on corded telephones.
- Electrical power: The telephone base of this cordless telephone must be connected to a working electrical outlet. The electrical outlet should not be controlled by a wall switch. Calls cannot be made from the cordless handset if the telephone base is unplugged, switched off, or if the electrical power is interrupted.
- Potential TV interference: Some cordless telephones operate at frequencies that may cause interference to televisions and VCRs. To minimize or prevent such interference, do not place the telephone base of the cordless telephone near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR often reduces or eliminates the interference.
- Rechargeable batteries: Exercise care in handling batteries in order not to create a short circuit with conducting material such as rings, bracelets and keys. The battery or conductor may overheat and cause harm. Observe proper polarity between the battery and the battery charger.
- Nickel-metal hydride rechargeable batteries: Dispose of these batteries in a safe manner. Do not burn or puncture the battery. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.

The RBRC® seal

The RBRC® seal on the nickel-metal hydride battery indicates that VTech Communications, Inc. is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful lives, when taken out of service within the United States and Canada.

The RBRC® program provides a convenient alternative to placing used nickel-metal hydride batteries into the trash or municipal waste, which may be illegal in your area.

VTech's participation in RBRC® makes it easy for you to drop off the spent battery at local retailers participating in the RBRC® program or at authorized VTech product service centers. Please call **1-800-8-BATTERY™** for information on Ni-MH battery recycling and disposal bans/restrictions in your area. VTech's involvement in this program is part of its commitment to protecting our environment and conserving natural resources.

RBRC® is a registered trademark of Rechargeable Battery Recycling Corporation.

Appendix

Limited warranty

What does this limited warranty cover?

The manufacturer of this VTech Product warrants to the holder of a valid proof of purchase ("Consumer" or "you") that the Product and all accessories provided in the sales package ("Product") are free from defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with the Product operating instructions. This limited warranty extends only to the Consumer for Products purchased and used in the United States of America and Canada.

What will VTech do if the Product is not free from defects in materials and workmanship during the limited warranty period ("Materially Defective Product")?

During the limited warranty period, VTech's authorized service representative will repair or replace at VTech's option, without charge, a Materially Defective Product. If we repair the Product, we may use new or refurbished replacement parts. If we choose to replace the Product, we may replace it with a new or refurbished Product of the same or similar design. We will retain defective parts, modules, or equipment. Repair or replacement of the Product, at VTech's option, is your exclusive remedy. VTech will return the repaired or replacement Products to you in working condition. You should expect the repair or replacement to take approximately 30 days.

How long is the limited warranty period?

The limited warranty period for the Product extends for ONE (1) YEAR from the date of purchase. If VTech repairs or replaces a Materially Defective Product under the terms of this limited warranty, this limited warranty also applies to repaired or replacement Product for a period of either (a) 90 days from the date the repaired or replacement Product is shipped to you or (b) the time remaining on the original one-year warranty; whichever is longer.

What is not covered by this limited warranty?

This limited warranty does not cover:

1. Product that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water or other liquid intrusion; or
2. Product that has been damaged due to repair, alteration or modification by anyone other than an authorized service representative of VTech; or
3. Product to the extent that the problem experienced is caused by signal conditions, network reliability, or cable or antenna systems; or
4. Product to the extent that the problem is caused by use with non-VTech accessories; or
5. Product whose warranty/quality stickers, product serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or
6. Product purchased, used, serviced, or shipped for repair from outside the United States of America or Canada, or used for commercial or institutional purposes (including but not limited to Products used for rental purposes); or
7. Product returned without a valid proof of purchase (see item 2 on the next page); or
8. Charges for installation or set up, adjustment of customer controls, and installation or repair of systems outside the unit.

Appendix

Limited warranty (continued)

How do you get warranty service?

To obtain warranty service in the United States of America, please visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or dial 1 (800) 267-7377. NOTE: Before calling for service, please review the user's manual - a check of the Product's controls and features may save you a service call.

Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of the Product(s) to the service location. VTech will return repaired or replaced Product under this limited warranty. Transportation, delivery or handling charges are prepaid. VTech assumes no risk for damage or loss of the Product in transit. If the Product failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, VTech will notify you and will request that you authorize the cost of repair prior to any further repair activity. You must pay for the cost of repair and return shipping costs for the repair of Products that are not covered by this limited warranty.

What must you return with the Product to get warranty service?

1. Return the entire original package and contents including the Product to the VTech service location along with a description of the malfunction or difficulty; and
2. Include a "valid proof of purchase" (sales receipt) identifying the Product purchased (Product model) and the date of purchase or receipt; and
3. Provide your name, complete and correct mailing address, and telephone number.

Other limitations

This limited warranty is the complete and exclusive agreement between you and VTech. It supersedes all other written or oral communications related to this Product. VTech provides no other warranties for this Product. The limited warranty exclusively describes all of VTech's responsibilities regarding the Product. There are no other express warranties. No one is authorized to make modifications to this limited warranty and you should not rely on any such modification.

State/Provincial Law Rights: This limited warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or province to province.

Limitations: Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the Product is fit for ordinary use) are limited to one year from the date of purchase. Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. In no event shall VTech be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, inability to use the Product or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this Product. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Please retain your original sales receipt as proof of purchase.

Appendix

FCC, ACTA and IC regulations

FCC Part 15

This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules. These requirements are intended to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be ensured when using this telephone.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The handset may be safely held against the ear of the user. The telephone base shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more.

This Class B digital apparatus complies with Canadian ICES-003.

FCC Part 68 and ACTA

This equipment complies with Part 68 of the FCC rules and with technical requirements adopted by the Administrative Council for Terminal Attachments (ACTA). The label on the back or bottom of this equipment contains, among other things, a product identifier in the format US:AAAEQ##TXXXX. This identifier must be provided to your telephone service provider upon request.

The plug and jack used to connect this equipment to premises wiring and the telephone network must comply with applicable Part 68 rules and technical requirements adopted by ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. An RJ11 jack should normally be used for connecting to a single line and an RJ14 jack for two lines. See the installation instructions in the user's manual.

The Ringer Equivalence Number (REN) is used to determine how many devices you may connect to your telephone line and still have them ring when you are called. The REN for this product is encoded as the 6th and 7th characters following the US: in the product identifier (e.g., if ## is 03, the REN is 0.3). In most, but not all areas, the sum of all RENs should be five (5.0) or less. For more information, please contact your telephone service provider.

This equipment may not be used with Party Lines. If you have specially wired alarm dialing equipment connected to your telephone line, ensure the connection of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone service provider or a qualified installer.

Appendix

FCC, ACTA and IC regulations (continued)

If this equipment is malfunctioning, it must be unplugged from the modular jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents. For repair procedures, follow the instructions outlined under the Limited warranty.

If this equipment is causing harm to the telephone network, the telephone service provider may temporarily discontinue your telephone service. The telephone service provider is required to notify you before interrupting service. If advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the problem and the telephone service provider is required to inform you of your right to file a complaint with the FCC. Your telephone service provider may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. The telephone service provider is required to notify you if such changes are planned.

If this product is equipped with a corded or cordless handset, it is hearing aid compatible.

If this product has memory dialing locations, you may choose to store emergency telephone numbers (e.g., police, fire, medical) in these locations. If you do store or test emergency numbers, please:

Remain on the line and briefly explain the reason for the call before hanging up.

Perform such activities in off-peak hours, such as early morning or late evening.

Industry Canada

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation.

The term ‘‘IC:‘‘ before the certification/registration number only signifies that the Industry Canada technical specifications were met.

The Ringer Equivalence Number (REN) for this terminal equipment is 0.1. The REN is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed five.

This product meets the applicable Industry Canada technical specifications.

Appendix

Technical specifications

Frequency control	Crystal controlled PLL synthesizer
Transmit frequency	Handset: 1921.536-1928.448 MHz Telephone base: 1921.536-1928.448 MHz
Channels	5
Nominal effective range	Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use.
Power requirements	Handset: 2.4V Ni-MH battery Charger: 6V AC @300mA
Memory	Handset directory: 200 memory locations; up to 30 digits and 15 characters Four download directories: 1,500 memory locations (each); up to 30 digits and 15 characters Handset caller ID log: 50 memory locations; up to 15 digits and 15 characters

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